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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:	Charles N. Serhan
Application No.:	10/004,155
Filing Date:	October 19, 2001
Title:	Regulation of Phospholipase D Activity

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Examiner:
Group Art Unit:

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97(b)**

Commissioner for Patents
Washington, D.C. 20231

I hereby certify that this document is being sent via First Class U. S. mail addressed to: Commissioner for Patents, Washington, D.C. 20231 on this 22 day of January, 2002.

K. K. Lankosz
(Signature)

Dear Sir:

Pursuant to 37 CFR 1.97(b), the references listed on the attached Form PTO-1449 (1 sheet, submitted in duplicate) are brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. This IDS is being filed before the mailing of a first office action. In accordance with 37 CFR 1.97(b), no statement or fee is required.

Copies of the references cited are not enclosed, as allowed under 37 CFR 1.98(d). Each item on the enclosed Form PTO-1449 was cited to, or cited by, the Office in one or more of the following prior related cases, to which priority to an earlier effective filing date is claimed under 35 U.S.C. § 120, in the present application.

Serial No. 09/525,157, filed March 14, 2000

Respectfully submitted,
DORSEY & WHITNEY LLP

Date: January 22, 2002

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Form PTO-1449 (Rev. 8-83)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO: 7214.08	APPLICATION NO: 10/004,155
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		APPLICANT(S): Charles N. Serhan		
		FILING DATE: October 19, 2001	GROUP ART UNIT 1614	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

AA	Weissmann, G., Smolen, J. E., and Korchak, H. M. (1980) Release of inflammatory mediators from stimulated neutrophils. <i>N. Engl. J. Med.</i> 303, 27-34
AB	Serhan, C. N., Haeggstrom, J. Z., and Leslie, C. C. (1996) Lipid mediator networks in cell signaling: update and impact of cytokines. <i>FASEB J.</i> 10, 1147-1158
AC	Weiss, S. J. (1989) Tissue destruction by neutrophils. <i>N. Engl. J. Med.</i> 320, 365-376
AD	Serhan, C. N. (1994) Lipoxin biosynthesis and its impact in inflammatory and vascular events. <i>Biochim. Biophys. Acta</i> 1212, 1-25
AE	Borgeat, P., and Naccache, P. H. (1990) Biosynthesis and biological activity of leukotriene B ₄ . <i>Clin. Biochem.</i> 23, 459-468
AF	Yokomizo, T., Izumi, T., Chang, K., Takuwa, T., and Shimizu, T. (1997) A G-protein-coupled receptor for leukotriene B ₄ that mediates chemotaxis. <i>Nature</i> 387, 620-624
AG	Fiore, S., Romano, M., Reardon, E. M., and Serhan, C. N. (1993) Induction of functional lipoxin A ₄ receptors in HL-60 cells. <i>Blood</i> 81, 3395-3403
AH	Isackson, P., Seibert, K., Masferrer, J., Salvemini, D., Lee, L., and Needleman, P. (1995) Discovery of a better aspirin. <i>Advances in Prostaglandin, Thromboxane & Leukotriene Research</i> 23, 49-54
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Wayne C. Jones June 21, 2002

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AK	Takano, T., Fiore, S., Maddox, J. F., Brady, H. R., Petasis, N. A., and Serhan, C. N. (1997) Aspirin-triggered 15-epi-lipoxin A ₄ (LXA ₄) and LXA ₄ Stable analogues are potent inhibitors of acute inflammation: Evidence for anti-inflammatory receptors. <i>J. Exp. Med.</i> 185, 1693-1704
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AN	Vainio, H., and Morgan, G. (1997) Aspirin for the second hundred years: new uses for an old drug. <i>Pharmacol Toxicol</i> 81, 151-152
AO	Herschman, H. R. (1998) Recent progress in the cellular and molecular biology of prostaglandin synthesis. <i>Trends in Cardiovasc. Med.</i> 8, 145-150
AP	Takano, T., Clish, C. B., Gronert, K., Petasis, N., and Serhan, C. N. (1998) Neutrophil-mediated changes in vascular permeability are inhibited by topical application of aspirin-triggered 15-epi-lipoxin A ₄ and novel lipoxin B ₄ stable analogues. <i>J. Clin. Invest.</i> 101, 819-826
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AR	Wakelam, M. J. O., Martin, A., Hodgkin, M. N., Brown, F., Pettit, T. R., Cross, M. J., De Takats, P. G., and Reynolds, J. L. (1997) Role and regulation of phospholipase D activity in normal and cancer cells. <i>Advances in Enzyme Regulation</i> 37, 29-34
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	BB	Shechter, I., Fogelman, A. M., and Popjak, G. (1980) A deficiency of mixed function oxidase activities in the cholesterol biosynthetic pathway of human granulocytes. <i>J. Lipid Res.</i> 21, 277-283
	BC	Rabinowitz, J. L., Baker, D. G., Villanueva, T. G., Asanza, A. P., and Capuzzi, D. M. (1992) Liver lipid profiles of adults taking therapeutic doses of aspirin. <i>Lipids</i> 27, 311-314
	BD	Claria, J., and Serhan, C. N. (1995) Aspirin triggers previously undescribed bioactive eicosanoids by human endothelial cell-leukocyte interactions. <i>Proc. Natl. Acad. Sci.</i> 92, 9475-9479
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	BF	Exton, J. H. (1997) New developments in phospholipase D. <i>J. Biol. Chem.</i> 272, 15579-15582
	BG	Fensome, A., Whatmore, J., Morgan, C., Jones, D., and Cockcroft, S. (1998) ADP-ribosylation factor and Rho proteins mediate fMLP-dependent activation of phospholipase D in human neutrophils. <i>J. Biol. Chem.</i> 273, 13157-13164
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	BI	Bach, T. J. (1995) Some new aspects of isoprenoid biosynthesis in plants --a review. <i>Lipids</i> 30, 191-202
Examiner		Date Considered: <i>Wayne J. Finner</i> <i>June 21, 2012</i> *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant. #866268v1 <imanager> -101536-39 PTO 1449.wpd

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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 12-3-01) PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. 7214.07	SERIAL NO. 10/004,155
 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary)	APPLICANT Charles N. Serhan	
	FILING DATE October 19, 2001	GROUP ART UNIT 614

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Sub-class	Translation
	WO 94/29262	12/22/1994	PCT			No
	WO 95/01179	1/12/1995	PCT			No
	WO 00/54767	9/21/2000	PCT			No
						No
						No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initial	Document Description
	<u>PCT/US00/06669 International Search Report</u>
<u>WJ</u>	Serhan et al., "Aspirin-Triggered 15-EPI-Lipoxin A ₄ and Novel Lipoxin B ₄ Stable Analogs Inhibit Neutrophil-Mediated Changes In Vascular Permeability", <i>Advances in Experimental Medicine and Biology</i> , Vol. 469, 1999, pgs. 287-293
<u>WJ</u>	Gewirtz et al., "Pathogen-Induced Chemokine Secretion from Model Intestinal Epithelium is Inhibited by Lipoxin A ₄ Analogs", <i>Journal of Clinical Investigation</i> , Vol. 101, No. 9, May 1998, pgs. 1860-1869
<u>WJ</u>	Hansson et al., "Activation of Protein Kinase C By Lipoxin A and Other Eicosanoids. Intracellular Action of Oxygenation Products of Arachidonic Acid", <i>Biochemical and Biophysical Research Communications</i> , Vol. 134, No. 3, 1986, pgs. 1215-1222

EXAMINER

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